

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 6. 29]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Bus bar	✓	
		Outside wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside Body		
11	Neutralizing injector pipe line	Outside Flange		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	11 m/o	2010. 6. 29
Witnessed by	KOMERI	06-5-02	2010. 06. 29

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 7. 4]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside		
		Body		
		Flange		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside		
		Body		
		Flange		
		Bus bar		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside		
		Body	✓	
		Flange	✓	
10	Neutralizing injector unit	Pressure gauge	✓	In BWMS Control Room
		Inside	✓	
		Outside		
11	Neutralizing injector pipe line	Body	✓	In BWMS Control Room
		Flange	✓	
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	7/7/02	2010. 7. 4
Witnessed by	KOMERI	08/7/02	2010. 07. 04

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 07. 06]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar	
			wire	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside	Body Flange	
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 07. 06
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 07. 06

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 07. 11]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar	
			wire	
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>Ruby</i>	2010. 07. 11
Witnessed by	KOMERI	<i>Obt</i>	2010. 07. 11

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 7. 13]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar	
			wire	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside	Body	
11	Neutralizing injector pipe line			In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	2010. 7. 13	
Witnessed by	KOMERI	2010. 07. 13	

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 7. 18]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Bus bar wire		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 7. 18
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 07. 18

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

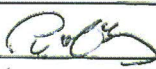
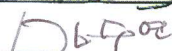
☐ De-ballasting mode

[Date: 2010. 07. 20]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Body	✓	
		Flange	✓	
		Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Body	✓	
		Flange	✓	
		Bus bar	✓	
		wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Body		
		Flange		
		Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Body		
11	Neutralizing injector pipe line	Flange		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.		2010. 07. 20
Witnessed by	KOMERI		2010. 07. 20

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

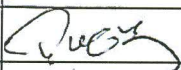
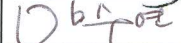
☒ De-ballasting mode

[Date: 2010. 07. 25]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar	
			wire	
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.		2010. 07. 25
Witnessed by	KOMERI		2010. 07. 25

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 8. 10]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar	
			wire	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 8. 10
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 08. 10

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 8. 15]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Bus bar wire		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	김영준	2010. 8. 15
Witnessed by	KOMERI	오기영	2010. 8. 15

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 8. 24]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Body	✓	
		Outside Flange	✓	
		Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Body	✓	
		Outside Flange	✓	
		Bus bar	✓	
		wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Body		
		Outside Flange		
		Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside Body		
11	Neutralizing injector pipe line	Flange		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	10 762	2010. 8. 24
Witnessed by	KOMERI	0 5701	2010. 08. 24

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 8. 29]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Bus bar wire		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	1/10/2	2010. 8. 29
Witnessed by	KOMERI	08/10/2	2010. 08. 29

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

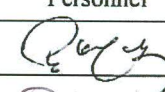
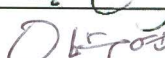
☐ De-ballasting mode

[Date: 2010.09.08]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Bus bar	✓	
		Outside wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.		2010.09.08
Witnessed by	KOMERI		2010.09.08

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010.09.13]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Bus bar		
		Outside wire		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010.09.13
Witnessed by	KOMERI	<i>[Signature]</i>	2010.09.13

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 9. 14]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Bus bar	✓	
		Outside wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	Y. D. Song	2010. 9. 14
Witnessed by	KOMERI	O. B. Lee	2010. 09. 14

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 9. 19]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Bus bar		
		Outside wire		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 9. 19
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 09. 19

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 09. 28]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Body	✓	
		Flange	✓	
		Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Body	✓	
		Flange	✓	
		Bus bar	✓	
		wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Body		
		Flange		
		Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Body		
		Flange		
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 09. 28
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 09. 28

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010.10.03]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar wire	
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010.10.03
Witnessed by	KOMERI	<i>[Signature]</i>	2010.10.03

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2010. 10. 05]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Bus bar	✓	
		Outside wire	✓	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 10. 05
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 10. 05

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2010. 10. 10]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Pressure gauge		
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside Body		
		Outside Flange		
		Outside Bus bar		
		Outside wire		
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
		Outside Pressure gauge	✓	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside Body	✓	
		Outside Flange	✓	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	<i>[Signature]</i>	2010. 10. 10
Witnessed by	KOMERI	<i>[Signature]</i>	2010. 10. 10

Check list of the washing for AquaStar™ BWMS

☒ Ballasting mode

☐ De-ballasting mode

[Date: 2011. 6. 16]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top	✓	Tank inside (T-02)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
2	The inside of control water tank	Top	✓	Tank inside (T-03)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
3	The inside of treated water tank	Top	✓	Tank inside (T-04)
		Bottom	✓	
		Left and right	✓	
		Support poles	✓	
4	The inside of neutralizing tank	Bottom		Tank inside (T-05)
		Sides		
5	The pipe used the ballasting	-	✓	
6	The pipe used the de-ballasting	-		
7	Smart Pipe unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar	
			wire	
9	Neutralization unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
11	Neutralizing injector pipe line	-		In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	김영철	2011. 6. 16
Witnessed by	KOMERI	오승호	2011. 6. 16

Check list of the washing for AquaStar™ BWMS

☐ Ballasting mode

☒ De-ballasting mode

[Date: 2011. 6. 21]

[operators : H. G. Lee, Y. D. Song, C. I. Kim]

No.	Division	Check point	Check mark	Remark
1	The inside of test water tank	Top		Tank inside (T-02)
		Bottom		
		Left and right		
		Support poles		
2	The inside of control water tank	Top		Tank inside (T-03)
		Bottom		
		Left and right		
		Support poles		
3	The inside of treated water tank	Top		Tank inside (T-04)
		Bottom		
		Left and right		
		Support poles		
4	The inside of neutralizing tank	Bottom	✓	Tank inside (T-05)
		Sides	✓	
5	The pipe used the ballasting	-		
6	The pipe used the de-ballasting	-	✓	
7	Smart Pipe unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
8	Electrolyzer unit	Inside		In BWMS Control Room
		Outside	Body	
			Flange	
			Bus bar wire	
9	Neutralization unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
			Pressure gauge	
10	Neutralizing injector unit	Inside	✓	In BWMS Control Room
		Outside	Body	
			Flange	
11	Neutralizing injector pipe line	-	✓	In BWMS Control Room
12	The sampling port	-	✓	Related to samples of various tests
13	The sampling line	-	✓	Related to TRO

※ The washing water is used to the fresh water.

	Organization	Personnel	Date
Recorded by	AQUA Eng.	이영준	2011. 6. 21
Witnessed by	KOMERI	오승현	2011. 06. 21